WJT002-0010 1/8

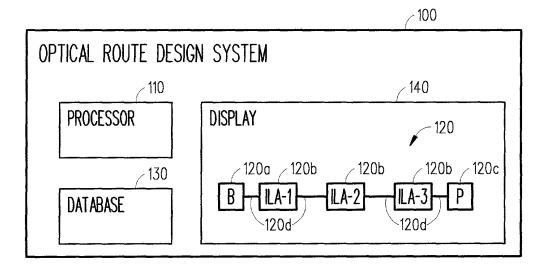


FIG. 1 - 200 DETERMINE WHETHER DESIGNED OPTICAL SPAN IS AN OPERABLE OPTICAL SPAN -202 PERFORM A MARGIN ANALYSIS ON THE OPERABLE OPTICAL SPAN 204 ~204a ∠204c /204d 204b INDEPENDENT SENSITIVITY SIMULTANEOUS CHANNEL CASE CASE CASE CASE DISPLAY RESULTS OF MARGIN ANALYSIS TO USER 206

FIG. 2

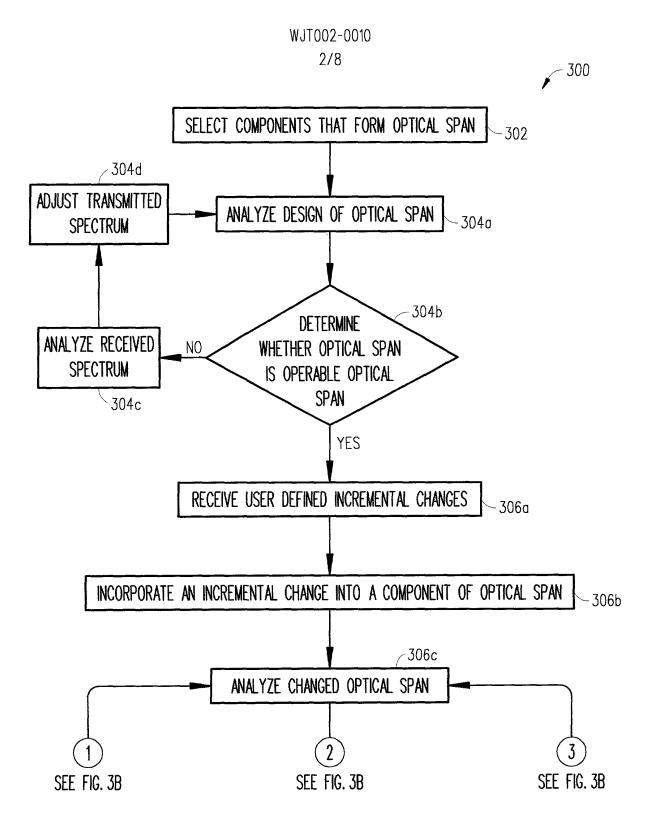


FIG. 3A

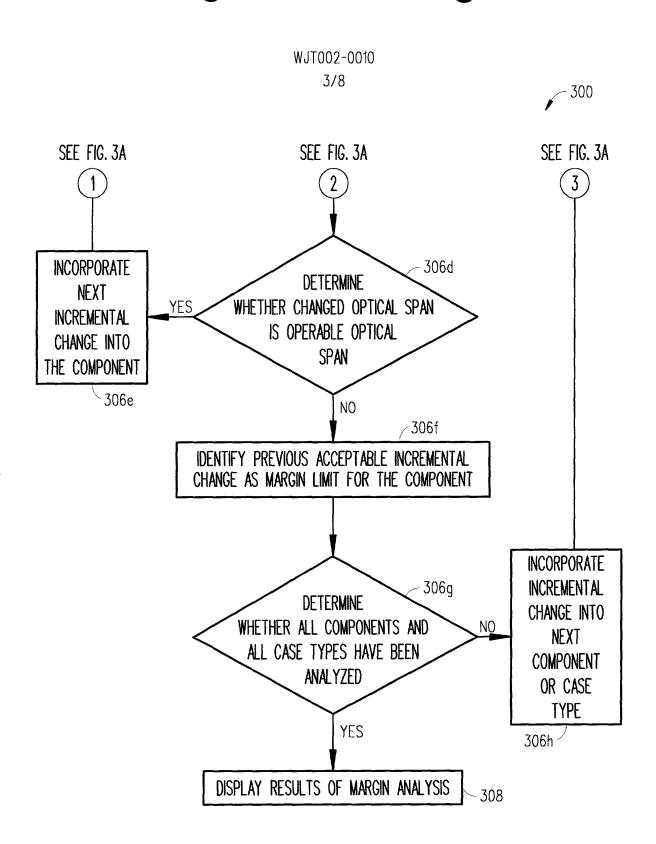


FIG. 3B

WJT002-0010 4/8

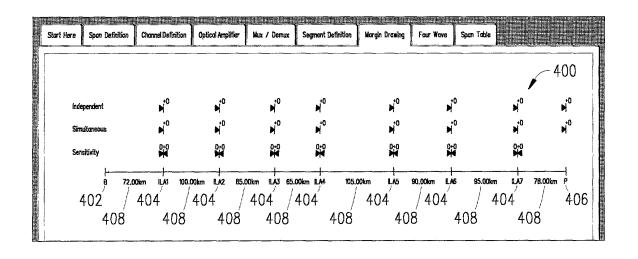


FIG. 4A

408 Calculated Calculated Required Site Атър Amp Output Amp Output Segment FDP and FDP and Splice ower (dbm) Splice Segment Fiber Segment Fiber In-Line Type Type Power Power (dbm) Distance Fiber Type Attenuation Losses (db) Loss (db) Loss (db) (db) 402 17.0 20.9 8 Booster v17252f09 17.0 -17.0 🗀 3.25 23.15 28.25 0 v17252f09 17.0 2.03 3.05 19.88 24.3 17.0 4 19.05 2.8 15.53 9 LA3 LA 17.0 1.88 17.0 404 17.0 17.0 105 3.3 24.23 29.55 0 v17252f09 17.0 LAS v17252f09 -- | 17.0 -- | 17.0 17.0 3.1 20.96 25.6 3 E.A 2.09 22.04 26.9 \_\_\_\_\_ 17.0 17.0 17.0 95 3.15 1 2.95 22.45 LA7 \_\_ 17.0 \_\_\_ 17.0 17.0 v17252f09 406 \_\_\_ 17.0 \_\_\_\_ 690.0 16.30 24.50 161.19 197.00

FIG. 4B

WJT002-0010 5/8

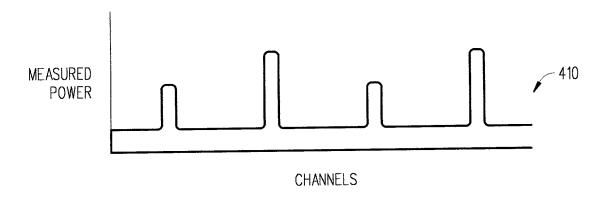


FIG. 4C

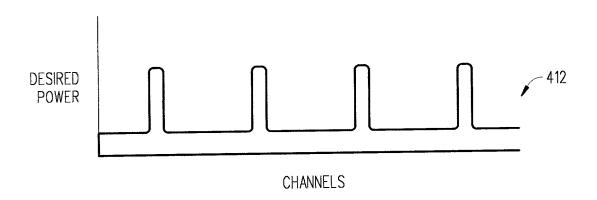


FIG. 4D

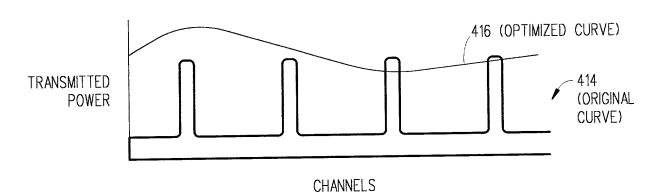


FIG. 4E

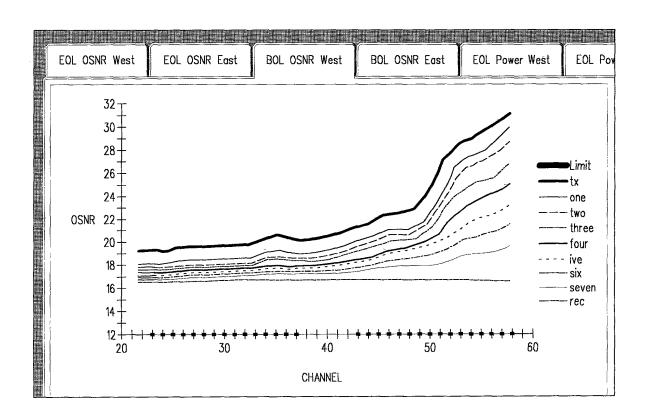


FIG. 4F

WJT002-0010 7/8

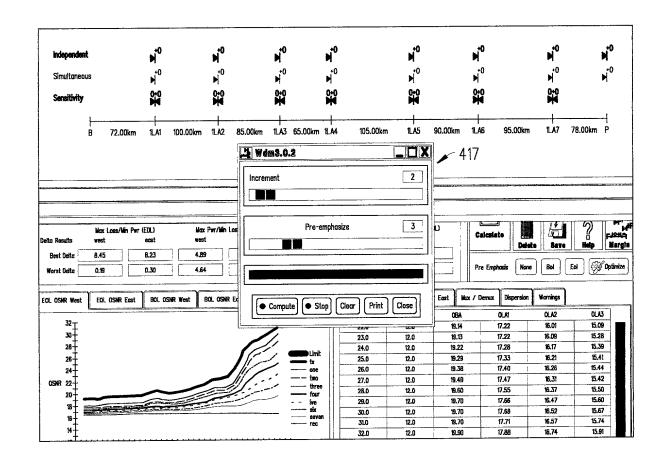


FIG. 4G

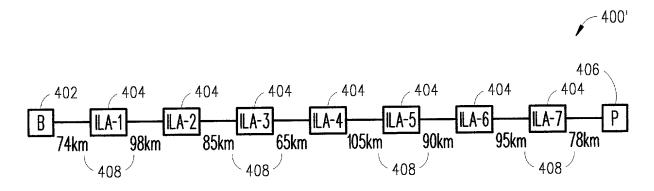


FIG. 4H

WJT002-0010 8/8

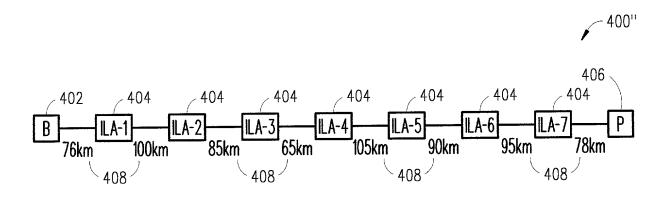


FIG. 4I

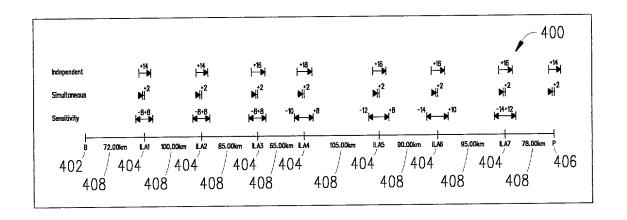


FIG. 4J